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VERMES

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ECHINODERIDA
GASTROTRICHA
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XXVI Sew. in *I. e.* p. 295, *indica* VIII Sew. in *Melanoides* sp. p. 295, *indica* IX Sew. in *L. l.*, *L. a.* and *I. c.* p. 295, *indica* XXXV Sew. in *I. e.* p. 295, *insundlwessi* Porter, 1938, in *L. l.* and *L. a.* p. 294, India, BHALERAO Indian J. Vet. Sci. & Anim. Husb. **13** 4 [1944].—*C. prenanti* **sp. nov.**, cystophorous, in *Dentalium entale*, France, ARVY C.R. Acad. Sci. Paris **229** 1949 pp. 780–782 fig.; Bull. Soc. Zool. France **74** 1949 p. 293.—*C. ophiocerca* Palombi in *Tapes aureus*, Spain, ANDREU Bol. Inst. Esp. Oceanogr. **22** 1949 pp. 3–6 figs.—*C.* furcocercous, in *Cerithidea californica* pp. 33–38 figs., pleurolophocercous in *C. calif.* pp. 38–40 figs., pleurolophocercous II in *C. calif.* pp. 40–41 figs., echinostome I in *C. calif.* pp. 41–45 figs., echinostome II in *C. calif.* p. 45 fig., echinostome III in *C. calif.* (metacercaria in *Melampus olivaceous*) pp. 45–50 figs., xiphidiocercaria in *C. calif.* pp. 50–51 fig., N. America, MAXON & PEQUEGNAT J. Ent. Zool. Claremont Cal. **41** 1949.—*C. beckwithae* **sp. nov.**, xiphidiocercaria, in *Planorbis isingi*, S. Australia, pp. 22–27, figs., *tetradenoidea* **sp. nom. nov.** pro *tetradena* Johnst. & Beckwith, 1945, *nec* Miller, 1935, p. 27 JOHNSTON & ANGEL Trans. Roy. Soc. S. Aust. **73** 1949.—*C. natans* **sp. nov.**, echinostome, in *Planorbis isingi*, metacercaria (experimentally) in *P. i.*, *Amerianna* sp. and *Limnodynastes tasmaniensis* larva pp. 102–105 figs., sp. innom, echinostome, in *Amerianna pyramidata* and *P. isingi*, metacercaria, (experimentally) in *A. p.*, *P. i.* and *L. t.* larva p. 106, *lethargica* **sp. nov.**, gymnocephalous, in *Plotiopsis tatei*, metacerc. (experimentally) in *Gambusia*, pp. 106–108 figs. S. Australia, JOHNSTON & MUIRHEAD Trans. Roy. Soc. S. Aust. **73** 1949.—*C. anophelini* **sp. nov.**, Xiphidiocerceria, in larvae of *Anopheles aconitus*, *A. culicifaces* and *A. annularis*, Ceylon, JONES Parasitology, Cambridge **40** 1950 pp. 144–148 figs.——*C. basi* Woodhead, larval stage of *Rhipidocotyle septpapillata*, KRISKERN J. Parasitol. Lancaster Pa. **36** 1950 pp. 155–156.—*C. parvicaudata* Stunkard & Shaw larval stages in *Littorina littorea*, *L. saxatilis* and *L. obtusata*, encysting in parapodia of *Neanthes virens*, N. America. STUNKARD Biol. Bull. Woods Hole **99** 1950 pp. 136–142 figs.—*C.* No. 9 (cystocercous) in *Planorbis pronus* pp. 529–530 figs., *C.* No. 14 (echinostome) in *Tropicorbis philippianus* pp. 530–531 figs., *C.* No. 23 (amphistome) in *Tropicorbis canonicus* p. 531 figs., *C.* 23–A (echinostome) in *T. canonicus* pp. 531–532 figs., *C.* No. 26 in *Limnaea bogotensis* p. 532, *C.* No. 54 (echinostome) in *Pomacea reflexa* pp. 532–533 figs., *C.* No. 56 (Xiphidiocerc.) in *Hemisinus muzensis* p. 533 figs., Colombia, URIBE Rev. Acad. Colombiana Cienc. Bogota, **7** 28 1950.—*C. littorinalinae* **sp. nov.**, schistosome, in *Littorina planaxis*, N. America, PENNER J. Parasitol. Lancaster Pa. **36** 1950 pp. 466–472 fig.—*C. szidati* Anderson, 1944, transf. to *Linstowiella*, ANDERSON & CABLE J. Parasitol. Lancaster Pa. **36** 1950 p. 395. —*C.* sp. (Telorchiidae), leptocercous, in *Physopsis africana*, Belgian Congo, DOLLFUS Ann. Mus. Congo Belge (Zool.) (5) **1** 1950 p. 47 figs.—*C. micromyae* in *Micromya iris* and *Alasmidonta marginata*, *catatonki* in *Strophitus undulatus quadriplicatus*, *honeyi* in *Anodontoides ferussacianus* and *Alasmidonta calceolus*, *pyriformis* in *Micromya iris*, *filicauda* in *Elliptio dilatatus*, **spp. nov.**, rhopalocercous, N. America, FISCHTHAL J. Parasitol. **36** 6 Sect. 2 1950 pp. 15–16.

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Clinostomum schizothoraxi **sp. nov.** encysted beneath skin of *Schizothorax esocinus*, India, KAW Indian J. Helminth Lucknow **2** 1950 pp. 111–113 fig. —*C.* sp. innom. in oesophagus of *Ardea goliath* pp. 79–82, fig., sp. innom. (metacercaria) in gut of *Psammophis sibilans* pp. 83–84 figs., sp. innom. (metacercaria) encysted in *Tilapia melanopleura* pp. 84–85, *complanatum* (Rud.) from

Ardea purpurea, figd. p. 81, DOLLFUS Ann. Mus. Congo Belge (Zool.) (5) **1** 1950.

Cotylophoron Stiles & Goldberger, key to spp. p. 96, *cotylophorum* (Fischoeder) redescr. from *? Bos taurus*, Belgian Congo, and *Damaliscus korrigum*, French Equatorial Africa, DOLLFUS Ann. Mus. Congo Belge (Zool.) (5) **1** 1950 pp. 98–101 figs.—*C. okapi* Leiper, 1935 (syns. *congolense* Baer, 1936; *jacksoni* Näsmark, 1937 *pro parte*) in Okapi, type examined, BAER Acta Tropica Basel **7** 1950 pp. 164–165 fig.—*C. cotylophorum* (Fischoeder) life-history, interhost *Indoplanorbis exustus*, India, SINHA Indian J. Vet. Sci. & Anim. Husb. **20** 1950 pp. 1–11 figs.

Cotylurus aquavis (Guberlet) in *Gavia immer* p. 7, *brevis* **sp. nov.** in *Nyroca affinis*, *N. fuligula*, *N. marila*, *Somateria mollissima* and *Aix galericulata* pp. 7–12 figs., *cornutus* (Rud.) in *Charadrius apicarius*, *Gallinago gallinago*, *Scolopax rusticola*, *Vanellus vanellus*, *Nyroca ferina* and *Columba livia* pp. 10–12, *medius* **sp. nov.** in *Sterna hirundo* pp. 13–15, DUBOIS & RAUSCH Amer. Midl. Nat. Notre Dame 43 1950.—*C. cornutus* (Rud.) redescr. from int. of *Micropalma himantopus* and *Limnodromus griseus scolopaceus* p. 34 fig. *erraticus* (Rud.) (syn. *aquavis* (Guberlet)) from *Larus delawarensis* p. 35, N. America, DUBOIS & RAUSCH Bull. Soc. neuchatel. Sci. nat. (3) **73** 1950.

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Diplostomulum bufonis **sp. nov.** in gut of *Bufo viridis*, India, KAW Indian J. Helminth. Lucknow **2** 1950 pp. 116–118 fig.

Diplostomum micradenum (Cort & Brackett), morphological note, DUBOIS & RAUSCH Amer. Midl. Nat. Notre Dame **43** 1950 pp. 29–30 fig.—*D. gavium* (Guberlet) redescr. from *Gavia immer* pp. 15–16, *repandum* **sp nov.** in *Sterna hirundo* pp. 16–19 figs., N. America, DUBOIS & RAUSCH Amer. Midl. Nat. Notre Dame **43** 1950.—*D. spathaceum* (Rud.) some redescr., from *Larus pipixcan*, N. America, DUBOIS & RAUSCH Bull. Soc. neuchatel. Sci. nat. (3) **73** 1950 pp. 36–37.

Diplozoon Nordm., key to spp., p. 74, *kashmirensis* **sp. nov.** on gills of *Schizothorax* sp., India, KAW Indian J. Helminth. Lucknow **2** 1950 pp. 71–74 figs.

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Echinostoma novum (Verma, 1936) type-specimen redescr., BAUGH Rec. Ind. Mus. **47** 1950 pp. 104–105 fig.—*E. revolutum* (Froelich, 1802), diploid number of chromosomes, CHURCHILL J. Parasitol. Lancaster Pa. **36** 6 Sect. 2, 1950 p. 15.—*E. revolutum* (Fröl.) sporocyst, CHURCHILL J. Parasitol. Lancaster Pa. **36** 6 (2) 1950 pp. 27–28.—*E. stenon* **sp. nov.** in int. of *Anastomus lamelligerus*, Belgian Congo, DOLLFUS Ann. Mus. Congo Belge (Zool.) (5) **1** 1950 pp. 59–62 figs.

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Emoleptalea synodontidos **sp. nov.** in int. of *Synodontis notatus*, Belgian Congo, DOLLFUS Ann. Mus. Congo Belge (Zool.) (5) **1** 1950 pp. 41–42 fig.

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Euhaplorchis **gen. nov.**, Heterophyidae, p. 194, diagn. p. 195, type *californiensis* **sp. nov.**, cercaria in *Cerithidea californica*, metacerc. in *Fundulus p. parvipinnis*, adults experimentally in chicks and California gull. N. America, MARTIN Trans. Amer. microsc. Soc. Menasha **69** 1950 pp. 194–209 pls. i–iii.

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Euryhelmis squamula (Rud.) in *Procyon lotor*, N. America, PARKER J. Parasitol. Lancaster Pa. **36** 1950 p. 89.

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Gastris consors Luhe, 1906, transf. to *Lintonium*, CROWCROFT Parasitology, Cambridge, **40** 1950 p. 318.

Gigantobilharzia huronensis **sp. nov.** cercaria in *Physa* cf. *gyrina*, adult, naturally, in *Spinus t. tristis*, experimentally, in canaries and chicks. N. America, NAJIM J. Parasitol. Lancaster Pa. **36** 6 (2) 1950 p. 19.—*G. sturniae* "Tanabe, MS." cercaria in *Polypylis hemisphaerula*, adult, experimentally, in *Spodiospar cineracous*, *Passer montanus saturatus* and *Motacilla* (*M.*) *grandis*, Japan, HUNTER, RITCHIE & TANABE J. Parasitol. Lancaster Pa. **36** 6 Sect. 2 1950 p. 12.

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Gyrodactylus baicalensis on gills of *Limnocottus godlewskii* and *Batrachocottus multiradiastus* p. 230, *bychowskianus* on gills of *Cottocomephorus grewingki* p. 231, *comephori* on gills of *Comephorus dybowskii* p. 231 **spp. nov.** Baikal Sea, BOGOLEPOVA C.R. Acad. Sci. Moscow (N.S.) **72** 1950 figs.

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Harmotrema Nicoll: list of spp. and hosts p. 57, *infecundum* Nicoll in int. of *Grayia smithi*, Gaboon, DOLLFUS Ann. Mus. Congo Belge (Zool.) (5) **1** 1950 pp. 55–57 figs.

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Lepoderma himalayai Jordan from *Bufo viridis*, some measurements, KAW Indian J. Helminth Lucknow **2** 1950 pp. 70, 80.

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ferred to *Neoleucochloridium*, KAGAN J. Parasitol. Lancaster Pa. **36** 6 Sect. 2 1950 p. 15.

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fig.—*G. rodhaini* Fain in Okapi, types examined, BAER Octa Tropica, Basel **7** 1950 pp. 180–181 figs.—*G.* sp. innom. in stomach-wall of muskrats, N. America, MEYER & REILLY Amer. Midl. Nat. **44** 1950 p. 467.—*G.* sp. innom. from nodule in stom. wall of *Sigmodon hispidus*, N. America, MELVIN & CHANDLER J. Parasitol, Lancaster Pa. **36** 1950 pp. 509–510.

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Notomastus Sars, key to subgenera p. 411, (*N.*) *magnus* pp. 412–415 figs. (*N.*) *lobatus* pp. 415–417 figs., **spp. nov.**, California ,(*N.*) *giganteus* Moore pp. 417–418, (*Clistomastus*) *lineatus* (Clap.), California, pp. 419–420 figs., (*C.*) *tenuis* Moore, California and Oregon, pp. 420–422 figs., (*C.*) *luridus* Verrill redescr., Massachusetts pp. 422–424 figs., (*C.*) *hemipodus* **sp. nov.**, N. Carolina, pp. 424–426 figs., *pallidior* Chamberl. transf. to *Leiochrides* p. 429, HARTMAN Rep. Allan Hancock Pacific Exp. Los Angeles **10** 4 1947.—*N. variegatus* **sp. nov.**, W. Canada, BERKELEY & BERKELEY Ann. Mag. Nat. Hist. London (12) **3** 1950 pp. 59–60.

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Onuphis quadricuspis G. O. Sars, south of Iceland, WESENBERG-LUND Danish Ingolf-Expedn. **4** 14 1950 pp. 26–27 fig.

Ophelia limacina (Rathke), west of Greenland, WESENBERG-LUND Danish Ingolf-Expedn. **4** 14 1950 pp. 37–38 figs. —*O. formosa* (Kinberg) pp. 114–115, *praetiosa* (Kinberg) pp. 115–116, types re-examined, HARTMAN Ark. Zool. Stockholm **42A** 1 1949.

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Paraonis gracilis (Tauber), between Iceland and Faroes, WESENBERG-LUND Danish Ingolf-Expedn. **4** 14 1950 p. 32 fig.

Pareurythoë chilensis (Kinberg), types re-examined, HARTMAN Ark. Zool. Stockholm **42A** 1 1949 pp. 45–46 fig.

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Pherecardia striata (Kinberg), type re-examined, HARTMAN Ark. Zool. Stockholm **42A** 1 1949 p. 46.

Phyllodoce mucosa Örsted, West of Faroes, WESENBERG-LUND Danish Ingolf-Expedition **4** 14 1950 p. 10 fig.—*P. novae-hollandiae* Kinberg, types re-examined, pp. 49–50 figs., *gracilis* Kinberg transf. to *Genetyllis* p. 49, HARTMAN Ark. Zool. Stockholm **42A** 1 1949.

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Piromis arenosus Kinberg, types re-examined, HARTMAN Ark. Zool. Stockholm **42A** 1 1949 pp. 117–118 figs.

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Poecilochaetus serpens Allen, off Faroes and Shetlands, WESENBERG-LUND Danish Ingolf-Expedn. **4** 14 1950 pp. 31–32 fig.

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Proclea graffi (Langerhans), Mediterranean, LA GRECA Pub. Staz. Zool. Napoli **20** 1946 p. 279.

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